







PCG PROFABRIL CONSULPLANO GROUP PRESENTATION

PCG, Profabril Consulplano Group, the largest Portuguese based Consulting Group, with 50 years of experience, is based on the cumulative track record of Profabril and Consulplano, two of the leading Portuguese consulting companies. Presently PCG Profabril Group, in Portugal and abroad, with a turnover of EUR 40 million and 610 staff, owns a number of operating engineering companies, being the main ones the following:

 PCG Profabril Consulplano Global, S.A.	Engineering, technical and economic feasibility studies and financing, planning, urban and industrial architecture and licensing projects, energy and environment production projects, solid waste treatment, as well as the construction, planning, management, execution and supervision of works, "turnkey" and also industrial maintenance, coordination of real estate projects, energy management and consulting and technical assistance in these areas.	Portugal
 PCG PROFABRIL XXI Engenharia, Tecnologia e Inovação, S.A.	Transportation engineering - roads, bridges, tunnels, ports, airports, metros, railways, shipyards. Light and heavy industrial engineering. Civil engineering - buildings, urban infrastructure. EPCM.	Portugal, Macau, Algeria, Angola and Mozambique
	Major engineering structures (bridges, viaducts, tunnels, ports), STEP, WWTP, shipyards. Transportation engineering, motorways, highways. metro, railways. Urban planning.	Portugal and Brazil
	Environmental studies and planning, monitoring, management and environmental quality and environmental technologies.	Portugal, Angola and Mozambique
	Databases of software and international standards.	Portugal
	Consulting, planning, engineering and project management for large projects, as well as economic feasibility studies, industrial maintenance and evaluation of assets.	Portugal
<i>DUNE Investimentos, S.A.</i>	Other miscellaneous financial services activities, non-specified, except insurance and pension funds.	Portugal
<i>MPX - ENGENHARIA, S.A.</i>	Transportation engineering - roads, bridges, tunnels, ports, airports, subways, railways, shipyards. Light and heavy industrial engineering. Civil engineering - buildings, urban infrastructure. EPCM.	Portugal
 PCG Portuguese Consulting Group, Ltd	Operational holding in Asia for industrial projects, infrastructures, energy and environment.	Hong Kong
PAL ASIACONSULT LTD. PAL 亞洲顧問有限公司	Urban infrastructures and transportation engineering (airports, ports, tunnels, bridges, viaducts and railways). public and private Buildings, hotels, hospitals and transportation terminals.	Macau
CEL, CONSULTADORIA DE ENGENHARIA LTD CEL 工程顧問有限公司	Engineering, supervision of construction.	Macau
ASIACONSULT PACIFIC LTD 亞洲顧問太平洋有限公司	Urban infrastructures and transportation engineering (airports, ports, tunnels, bridges, viaducts and railways).	Hong Kong
<i>Linkcorp Ltd</i> 永聯行有限公司	International financial holding.	Hong Kong



MACAU FREEPORT Ltd 澳門自由港有限公司	Special projects in Asia.	Hong Kong
 Partono Fondas Engineering Civil & Structural Engineering Consultant	Commercial buildings, industrial buildings, cement plants, long-span bridges, harbours, and other infra-structures	Indonesia
PT PCG PROFABRIL INDONESIA	Start up in renewable energy, waste to energy, infrastructures (roads, buildings, ports and airports), light and heavy industry.	Indonesia
AL-ZAYANI PROFABRIL	Industrial projects, urban infrastructure and ports.	Bahrain
<i>Linktech</i> <i>International Ltda</i>	Technology and engineering services.	Brazil
 COBRAPI	Industrial projects, steel mills, mining.	Brazil
 INBRAS ENGENHARIA	Infrastructures projects.	Brazil
 PROFABRIL Ingeniería, Tecnología e Innovación, S.A.	Transportation engineering - roads, bridges, tunnels, airports, railways. Civil engineering - urban infrastructures. EPCM.	Bolivia



PCG Portuguese Consulting Group



OBJECT

PCG's operating companies currently cover four large activity areas of engineering:

1. Civil Engineering and Urban Planning
2. Transportation
3. Industry and Energy
4. Environment

providing services of engineering consultancy, management and construction supervision, EPCM, with the capacity to turnkey.

SHARE CAPITAL

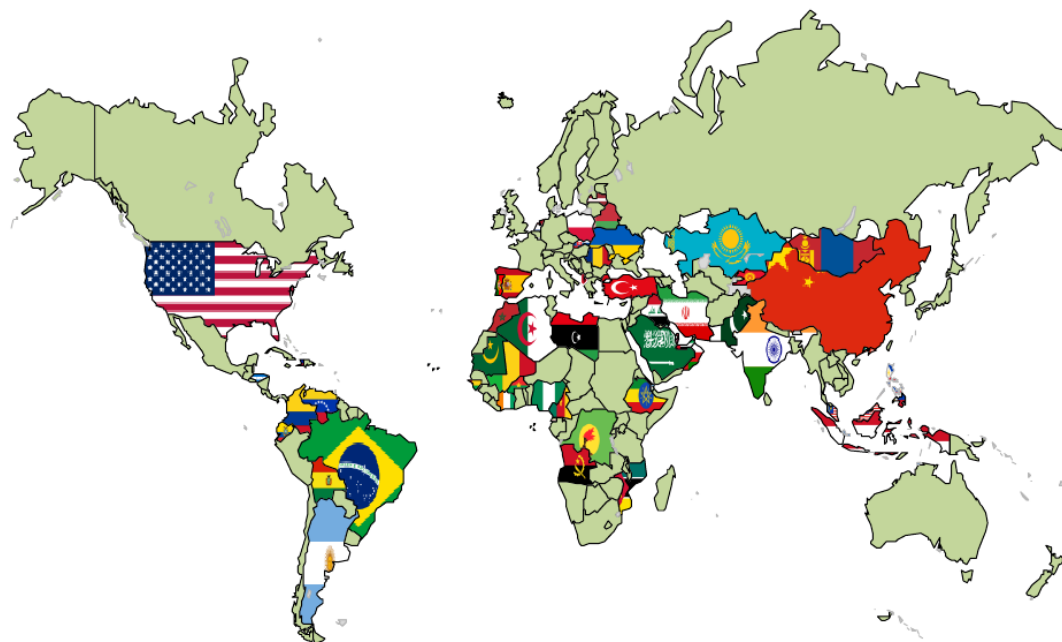
The share capital of the Group's PCG PROFABRIL CONSULPLANO SGPS SA is currently € 5,000,000.



EXPERIENCE

PCG's track record includes USD 1 billion Macau International Airport and USD 3 billion Ford/Volkswagen Portugal car factory. Other projects in Portugal are Expo'98, the Lisbon Metro expansion, the Tagus river railway crossing and Petrogal's turn-key multipurpose pipeline. Internationally PCG has been involved in Nam Van USD 3 billion development in Macau and several large projects in:

ASIA	China, Hong Kong, Philippines, India, Kazakhstan, Kyrgyzstan, Malaysia, Mongolia and Pakistan.
MENA	Saudi Arabia, Algeria, Bahrain, Djibouti, Iraq, Iran, Libya, Kuwait, Mauritania, Morocco, Oman, Qatar, Tunisia and United Arab Emirates.
SOUTH AMERICA	Argentina, Brazil, Bolivia, Colombia and Venezuela.
NORTH AMERICA	United States, Haiti and Honduras.
AFRICA	Angola, Burkina Faso, Cameroon, Cape Verde, Equatorial Guinea, Guinea Bissau, Ivory Coast, Liberia, Mali, Mozambique, Nigeria, Democratic Republic of Congo, Sao Tome and Principe and Zimbabwe.
EUROPE	Albania, Belarus, Belgium, France, Netherlands, Poland, Romania, Spain, Slovakia, Turkey and Ukraine.



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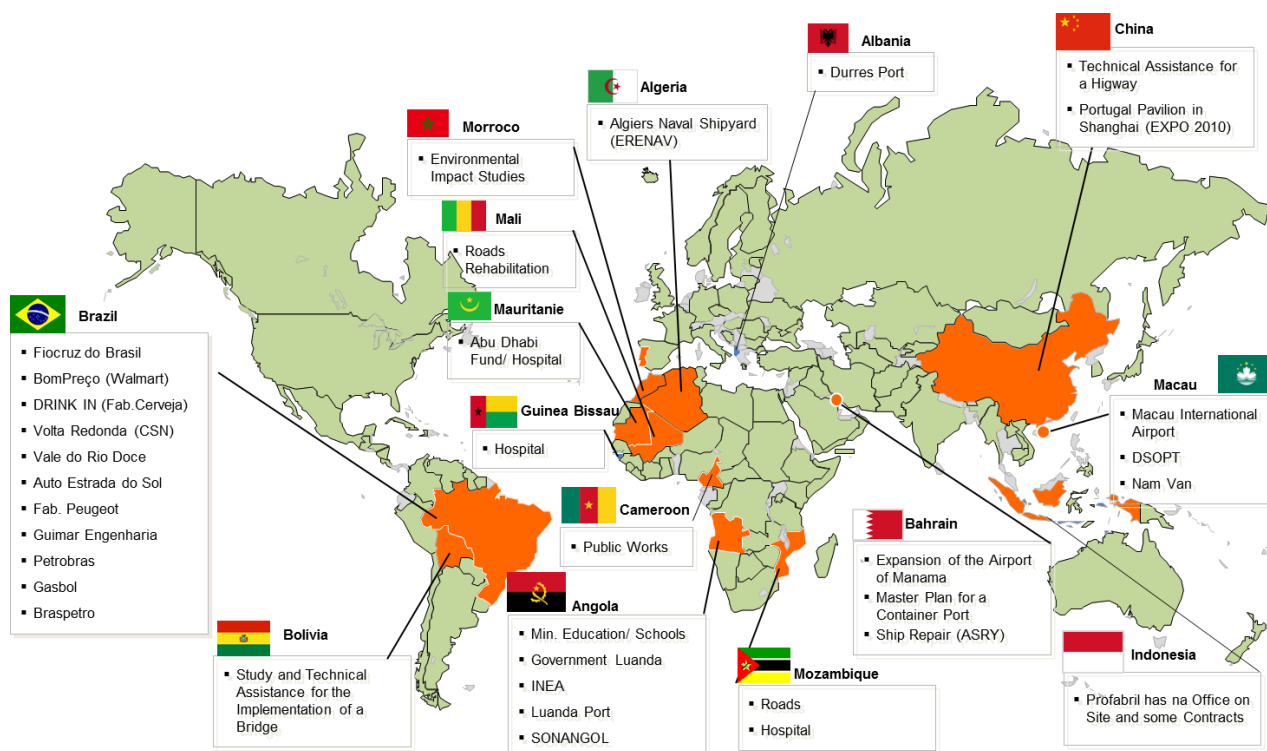
Types of Services

PCG's companies can provide a wide range of integrated services, from the pre-investment studies up to the partial responsibility for the erection of the projects, grouped as follows:

- Consultancy & Technical Assistance
- Sectorial Development Plans
- Project Evaluation
- Industrial Technologies & Processes
- Opportunity & Feasibility Studies
- Site selection
- Environmental Impact Assessment
- Basic and Conceptual Engineering
- Manufacturing Engineering
- Architectural & Engineering Design
- Updating and revamping of Industrial units
- Repairing, Improving and Rehabilitating Structures and Buildings
- Preparation of Operation and Maintenance Manuals
- Financial Engineering
- Project Management
- Turnkey Type Projects
- Supervision of Construction of Works
- Procurement
- Start-up & Commissioning
- Quality Control
- Materials Engineering
- Inspections and Technical Audits
- Evaluations and Quantity Surveying

FOOTPRINT INTERNATIONAL

With an international presence, PCG Profabril Consulplano Group has already developed projects in a number of countries, can benefit from the networking benefits of these projects and take advantage of it, for international growth in the future.



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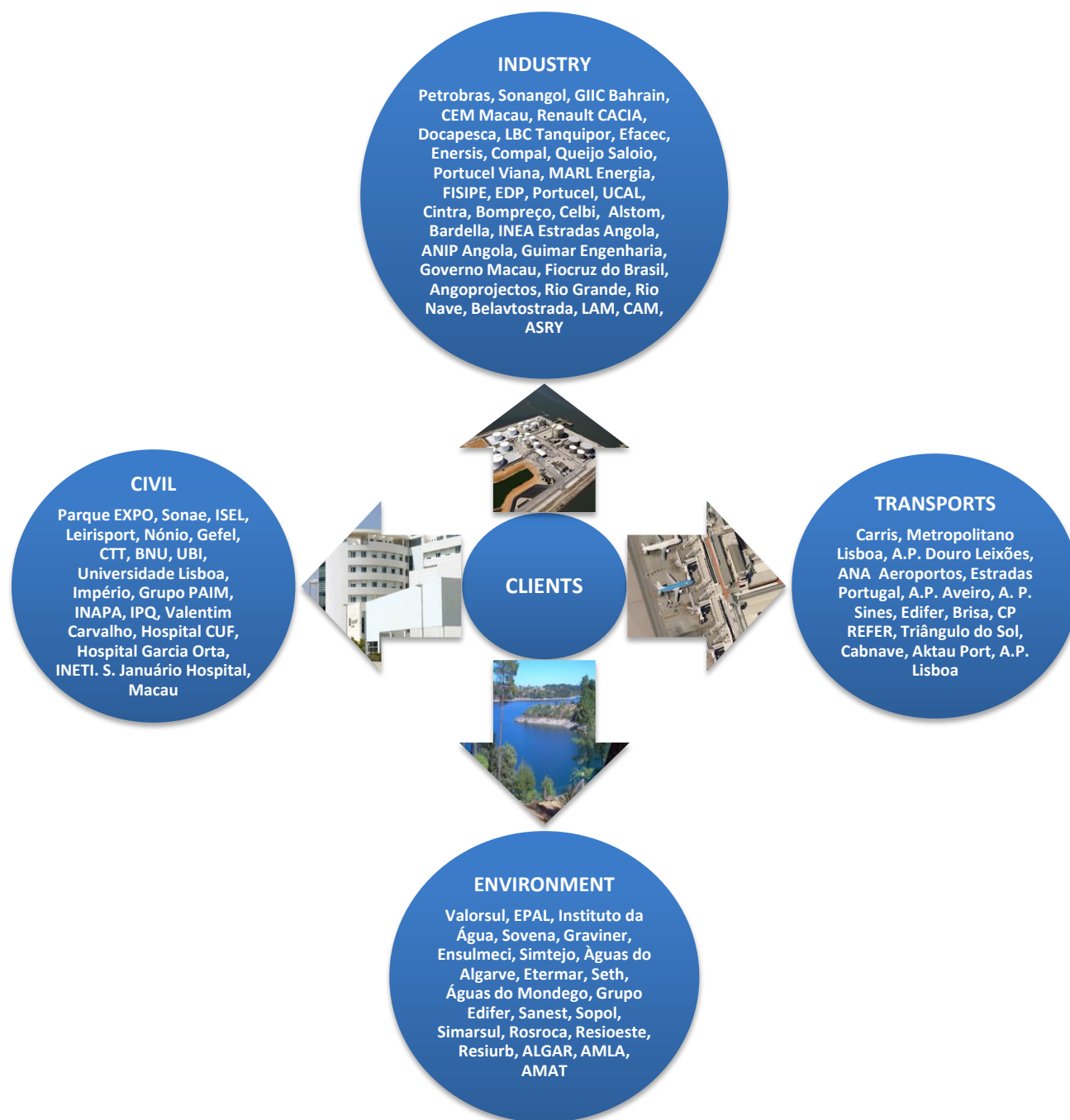


TRACK RECORD

PCG Profabril Consulplano Group has an extensive track record in different sectors. PCG Profabril Consulplano Group has a track record in several areas, both nationally and internationally, which is a key element in international tenders.



CLIENTS



PCG Portuguese Consulting Group



SOME CLIENTS



PCG Portuguese Consulting Group

SOME CLIENTS



PCG PROFABRIL CONSULPLANO GROUP, RANKED NO. 147 ON THE WORLD TOP INTERNATIONAL DESIGN FIRMS (ENR ENGINEERING NEWS-RECORD)



HUMAN RESOURCES



BOARD

Ilídio de Ayala Serôdio, Civil Engineer, MSCE, MBA (President and CEO)
Fernando Nunes Serra, Mechanical Engineer (Director).

PERSONNEL

PCG Profabril Consulplano Group has a staff of 610, trained in many different fields and specialists in numerous areas to enable complex studies and projects to deal, in a thorough and integrated mode.

SERVICES

PCG Profabril Consulplano Group provides Consultancy for every stage of a project Planning, Project Identification Studies, Engineering Studies, Project Management, Production and Industrial Management, Technical and Consultancy Assistance. Also EPCM and EPC projects.



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Full Time PCG PROFABRIL CONSULPLANO GROUP STAFF

Civil Engineers	91
Mechanical Engineers	150
Electrical Engineers	66
Chemical Engineers	6
Hydraulic Engineers	2
Environment Engineers	10
Agronomists	10
Architects	2
Geologists and Geotechniciens	2
Economists	5
Other graduates	56
Designers, draftsmen and other professionals	140
Administrative and clerical employees	70
TOTAL	610



PCG Portuguese Consulting Group



CONTACTS



Av. Almirante Gago Coutinho, 74
1700-031 LISBOA - PORTUGAL

Phone +351-21 8459470

Fax +351-21 8459479

Email pr@profabril.pt

Email geral@profabrilXXI.com

Email pcg@profabril.pt



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Fields of Activity

PCG's companies provide Consultancy Services
covering the following fields of activity:



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Civil Engineering and Urban Planning



- Institutional Public Buildings
- Resort Complexes
- Hospitals
- Universities
- Stadiums and Sports
- Regional and Urban Planning
- Urban Infrastructures
- Hydraulics
- Geology/Geotechnics



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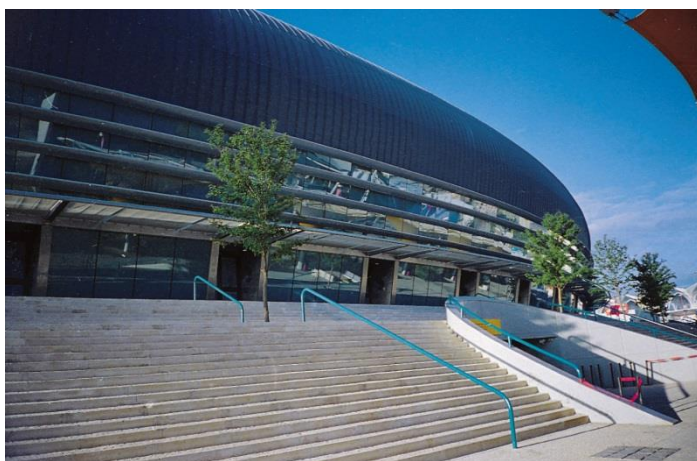
Civil Engineering and Urban Planning



ALRA
Building for the Regional Parliament of the Azores
Azores, Portugal



IPQ
Head Office of the Portuguese Institute of Quality
Almada, Portugal



PARQUE EXPO
Utopia Pavillion
Lisboa, Portugal



EMPREENDIMENTO COLOMBO
Aerial view of Colombo Shopping Center
Lisboa, Portugal



B.C.I. - Banco de Comércio e Indústria, SA
Head Office Building
Porto, Portugal



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Civil Engineering and Urban Planning



D.G.C.H.
Almada Hospital
Almada, Portugal



B.N.U.
New Head Office
Lisboa, Portugal



MINISTÉRIO DA EDUCAÇÃO
Polytechnic School of Technology
Setúbal, Portugal



PARQUE EXPO
Vasco da Gama Tower
Lisboa, Portugal



PARQUE EXPO
Descobertas Hospital
Lisboa, Portugal



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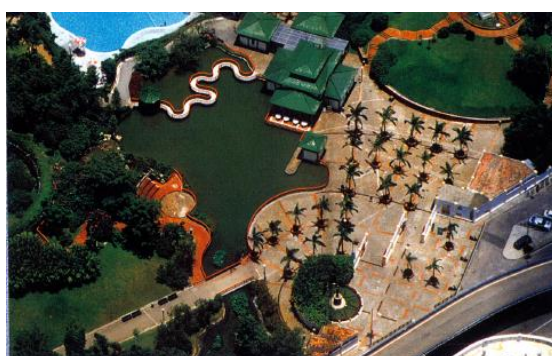
Civil Engineering and Urban Planning



KUALA LUMPUR EXHIBITION CENTER
Kuala Lumpur, Malaysia



BANCO NACIONAL ULTRAMARINO
Macau, China



SUN YAT SEN GARDEN
Macau, China



NAM VAN LAKES
Master Plan, Infrastructures, Engineering and Architecture
Macau, China



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Civil Engineering and Urban Planning



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Transportation



- Airports
- Traffic and Transportation Planning
- Motorways and Highways
- Railways, Metros and LRTs
- Bridges and Viaducts
- Harbours, Maritime Works, Shipbuilding and Repair Yards



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Transportation



CARRIS
Bus depot
Miraflores, Portugal



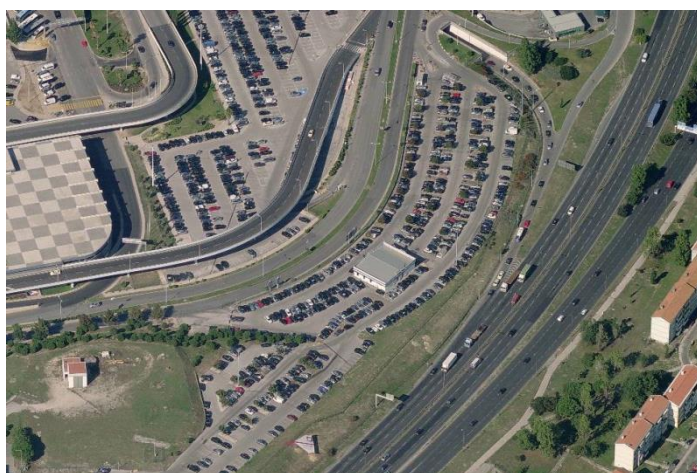
CARRIS
Workshops and Bus Service Station
Miraflores, Portugal



SOCIEDADE URALADA DE INVERSIONES, SA
Bulk Liquids Terminal
Setúbal, Portugal



ESLI
Underground Parking Lot at Restauradores Square
Lisboa, Portugal



ANA
Parking PP1, Lisbon Airport
Lisboa, Portugal



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Transportation



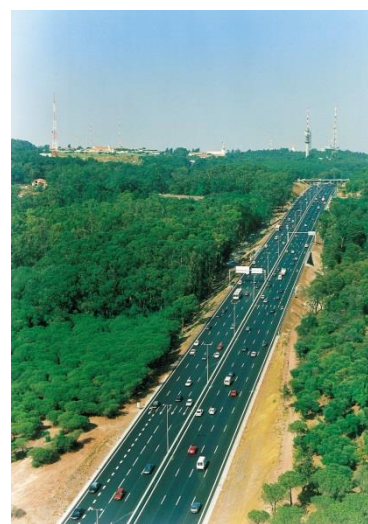
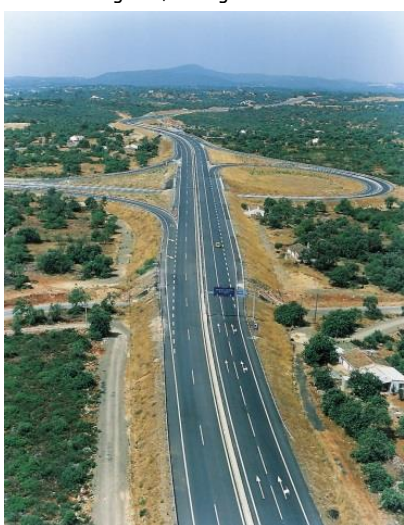
REFER
N-S Lisbon Railway
Portugal



PAL ASIACONSULT
Macau's Light Railway Transport
Macau, China



JAE
Trunk Road
Algarve, Portugal



BRISA
Widening of the highway stretch
between Lisboa and National Stadium
Portugal

JAE
Trunk Road
Algarve, Portugal

BRISA
Estoril Coast Highway
Portugal



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Transportation



METROPOLITANO DE LISBOA
Colégio Militar Station
Lisboa, Portugal



METROPOLITANO DE LISBOA
Campo Grande Station
Lisboa, Portugal



TÚNEL DO GRILO
Grilo Tunnel
CRIL, Portugal



METROPOLITANO DE LISBOA
Cais Sodré Underground Station
Lisboa, Portugal



AIF, ASIAN INFRASTRUCTURE FUND
XiangTan Bridge
Hunan Province, China



PASSAGEM ELEVADA DE PEÕES
Pedestrian Bridge
Alcântara, Lisboa, Portugal



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Transportation



MACAU GOVERNMENT
Lotus Bridge
Macau, China



PAL ASIACONSULT
Macau's Light Railway Transport
Macau, China



C.A.M.
Macau International Airport
Macau, China



KUWAIT AIRWAYS CORPORATION
Kuwait International Airport
Kuwait



AIM / MASC OGDEN
Cargo Terminal, Hangar (B-747/400) and Engineering buildings
Macau International Airport
Macau, China



ANA
Faro International Airport, Passenger Terminal
Faro, Portugal



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Transportation



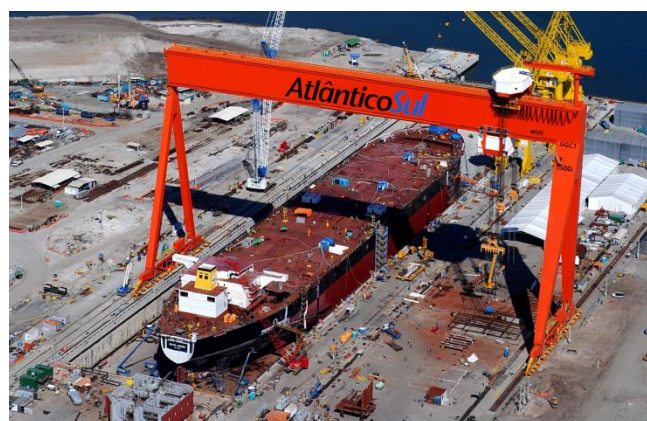
LISNAVE
Margueira Shiprepair yard
Almada, Portugal



MACAU GOVERNMENT
Outer Harbour Passenger Terminal
Macau, China



ESTALEIRO CANECO / RIONAVE
Shipyard Caneco
Caju - Rio de Janeiro, Brazil



ESTALEIRO ATLÂNTICO SUL, S A
Shipyard South Atlantic
Pernambuco, Brazil



APDL - Administração dos Portos do Douro e Leixões
Leixoes Port
Leixões, Portugal



ASRY - Arab Shipbuilding and Repair Yard
ASRY Naval Shipyard
Bahrain



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Industry and Energy



- Process Industries
- Steel Mill
- Mining and Metallurgy
- Food & Beverage Industries
- Manufacturing Industries
- Thermoelectric Power
- Power Distribution
- Oil & Gas
- Petrochemicals
- Pharmaceuticals
- Alternative Energies
- Renewable Energies



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Industry and Energy



PROCTER & GAMBLE
Expansion of the Hygiene Products Factory
Matosinhos, Portugal



SOMINCOR
Neves Corvo Mining Complex
Corvos, Portugal



PORTUCEL
Expansion of the Mitrena Pulp Mill
Setúbal, Portugal



SETENAVE
Shipbuilding Yard Heavy Plating Shop
Setúbal, Portugal



CNP
Butadiene Plant
Sines, Portugal



CIMPOR
Expansion of a Cement Plant
Alhandra, Portugal



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Industry and Energy



AUTO EUROPA
Ford/Volkswagen - Car Factory
Palmela, Portugal



RENAULT
Engines and Gear Boxes Factory
Aveiro, Portugal



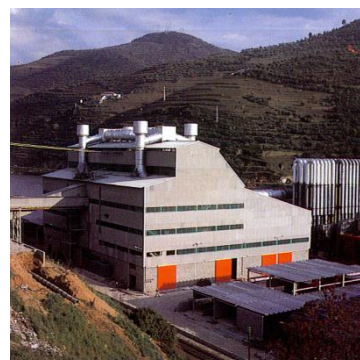
GASLIMPO
Gas freeing and tank cleaning plant
Setúbal, Portugal



EDP
Pego Coal Fired Power Plant
Abrantes, Portugal



PETROGAL
Sines Refinery, Engineering Services
Sines, Portugal



MILNORTE
Metallic Silicon Plant
Régua, Portugal



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Industry and Energy



SOPORCEL
Paper Pulp Mill
Figueira da Foz, Portugal



PETROGAL
LPG Storage
Cabo Ruivo, Portugal



PETROGAL
LPG Storage
Cabo Ruivo, Portugal



JNPP
Slaughterhouse Cold Machinery Room
Beja, Portugal



EPSI Complexo Petroquímico de Olefins
Olefins Complex: Off-sites and Utilities
Sines, Portugal



QUIMIGAL
Iron Oxide Pelletizing Plant
Barreiro, Portugal



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Industry and Energy



REFINARIA DE SINES
Sines Oil Refinery
Sines, Portugal



PORTUCEL
Paper Mill
Viana do Castelo, Portugal



COVINA
Plate Glass Plant
Santa Iria de Azóia, Portugal



FISIPE
Acrylic Fibres Plant
Lavrado, Portugal



CLC (PETROGAL)
Pipeline Sines
Aveiras de Cima, Portugal



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Industry and Energy



CSN, COMPANHIA SIDERURGIA NACIONAL
Steel Mill
Volta Redonda, Brazil



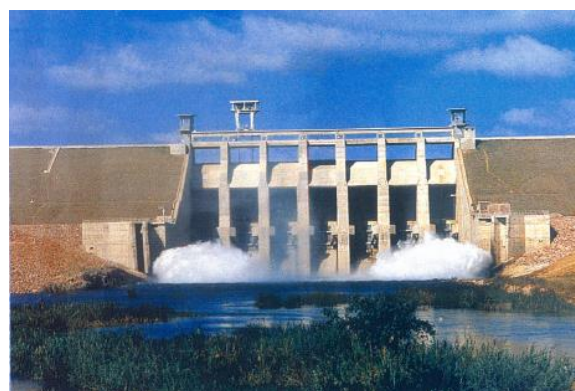
NUCOR CORPORATION
Iron Carbide Plant
Trinidad & Tobago



PETRANGOL
Expansion of the Luanda Oil Refinery
Luanda, Angola



PHELPS DODGE
Copper Ore Concentrated Plant
USA



D.N.A.
Pequenos Libombos Dam
Umbelúzi River, Mozambique



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Industry and Energy



MARL ENERGIA
Solar Plant Photovoltaic
Loures, Lisbon, Portugal



SOGEO
Geothermal Project
Ribeira Grande, Azores, Portugal



EDP
Electro Wind Power Generator
Sintra, Portugal



UCAL
Solar Power Plant
Águas de Moura, Palmela, Portugal



PRONICOL
Biomass Project
Terceira Island, Azores, Portugal



MACAU GOVERNMENT
Incineration of Waste
Taipa Island, Macau, China



EUROPEAN UNION
Wave Powered Electrical Experimental Plant
Pico Island, Azores, Portugal



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Environmental and Rural Development



- Environmental Technologies
- Environmental Impact Assessment
- Water Resources
- Urban and Industrial Solid Waste Management
- Agricultural Engineering
- Integrated Rural Development
- Agro-processing Industries
- Studies of Natural Resources



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Environmental and Rural Development



ARM VALE DO TÁVORA
Development Plan
Albufeira do Vilar, Portugal



INAG (Water Institute)
Development Plan
Albufeiras do Touredo e Alto Lindoso, Portugal



COORDINATING COMMITTEE REGION LISBON/TAGUS VALLEY
Study of the "Castelo do Bode" Dam and its surrounding area
Castelo de Bode, Portugal



SOPORCEL
Industrial Sewage Treatment Plant
Figueira da Foz, Portugal



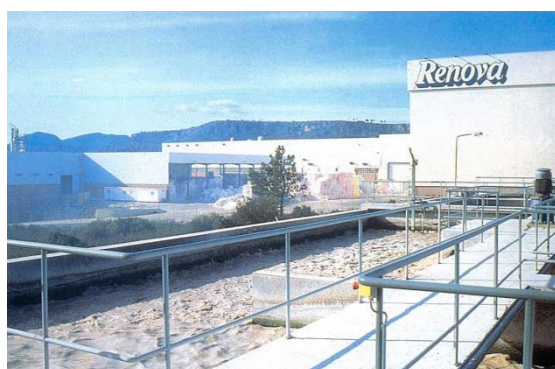
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Environmental and Rural Development



MACAU GOVERNMENT
Wastewater Treatment Plant
Macau Peninsula, China



RENOVA
Treatment Plant of Biological Effluents
Torres Novas, Portugal



MACAU GOVERNMENT
Wastewater Treatment Plant
Coloane, Macau, China



ALMEIDA E FILHO
Water Treatment Plant
Belmonte, Brazil



AMTRES
Sewage Treatment Plant
Cascais, Portugal



SIMTEJO
Wastewater Treatment Plant
Alcântara, Portugal



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